6

Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Construction of Culverts at Chikkasandra, Medarahalli & Kammagondanahalli in Different locations, in ward no.12, in Shettyhalli Sub-Division.

Est .Cost Rs. 15.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1 Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0 5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications MORTH/ Chapter 3 Page No 138V Item No 19 2/ PWD SR 2014-15	Cum							
	Near Stphen School Surroundings		5	6 00	2 00	1 20	72.00		
	Opp to MNTI politechnic & halu muniyappa layout		6	6 50	2 00	1 20	93.60		
	Medarahalli Chikkasandra, Byraveshwaranagara		5	5 70	2 00	1 20	68.40		
							234.00	105 84	**24767.00**
	Basic Rate	98 00							
	Area Weightage 8%	7 84							
		105 84							
2	KSRB 4-1 4 Providing and laying in position plain cement concrete of mix 1 4 8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0 86cum and fine aggregate @ 0 58cum machine mixed concrete laid in layers not exceeding 15cms Thick, well compacted in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No KBS 4 1, 4 2 Page No 12/ Item No 4 4/ PWD SR 2014-15	Cum							
	For Culverts		5	6 00	2 00	0 15	9.00		
			6	6 50	2 00	0 15	11.70		
			5	5 70	2 00	0 15	8 55		
							29.25	4847 04	**141776.00**
	Basic Rate	4 488 00							
	Area Weightage 8%	359 04							
		4 847 04							

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	KSRB 4-1 6 Providing and laying in position plain cement concrete of mix 1 2 4 with cement @ 240 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0 878cum and fine aggregate @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15cms Thick, well compacted, in foundation plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No. KBS 4 1, 4 2, Page No 12/ Item No 4.6/ PWD SR 2014-15	Cum							
	For Side Walls		5x2	6.00	(0.75+ 0.45)/2	0.90	32.40		
	For Side Walls		6x2	6.50	(0.75+ 0.45)/2	0.90	42.12		
	For Side Walls		5x2	5.70	(0.75+ 0.45)/2	0.90	30.78		
							105.30	5327.64	**561000.00**
	Basic Rate	4,933.00							
	Area Weightage 8%	394.64							
		5,327.64							
4	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams Page No 18/ Item No. 4.48/ PWD SR 2014-15	Cum							
	For RCC Covering 1		5	6.00	1.80	0.23	12.42		
			6	6.50	1.80	0.23	16.15		
			5	5.70	1.80	0.23	11.80		
							40.37	5847.12	**236019.00**
	Basic Rate	5,414.00							
	Area Weightage 8%	433.12							
		5,847.12							

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	KSRB 4 9 2 providing T M T steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications Specification No KBS 4.6.3. for TMT Bars Fe 415. Page No 17/ Item No 4 45/ PWD SR 2014-15	Q							
	For Side Walls 5kgs/Sqm	2x5x2x6 0x0 90=106 00x5kg = 540 00kgs/Sqm					5.40		
		2x6x2x6 5x0 90=140 40x5kg = 702 00kgs/Sqm					7.20		
		2x5x2x5 7x0 90=102 60x5kg = 513 00Kgs/Sqm					5.13		
	For RCC Covering Qty1 80kg/cum						32.29		
							50.02	7975 80	**398965.00**
	Basic Rate	7 385 00							
	Area Weightage 8%	590 80							
		7 975 80							
6	KSRB 4-6 4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No KBS 4 6 2 Page No 15/ Item No 4 31/ PWD SR 2014-15	Sqm							
	Walls		2x10	6 00		0 90	108.00		
			2x12	6 50		0 90	140.40		
			2x10	5 70		0 90	102.60		
							351.00	292 68	**102731.00**
	Basic Rate	271 00							
	Area Weightage 8%	21 68							
		292 68							
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a)Basic rate for haulage of materials as per item No. 17 4/KSRRB M100-4 1 Rs 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs 2 00/Km c)Add loading and unloading Item No 17.1 KSRRB M 100-1 Rs 62 20 (P 150, I no 18 57/1, PWD SR 2014-15)	Cum							
	Qty Vide Item No=1								
	Qty Limited to						**234.00**		
	Basic Rate (Rs 2 0 x 1 28 x 2 kms)	5 12					**234.00**	72 71	**17013.00**

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	Loading and Unloading Charges	62 20							
		67.32							
	Area Weightage 8%	5.39							
	Total	**72.71**							2729=
13	Miscellaneous and unforseen Charges								2190
14	Add 1% Q.C. Test								15000=00
								Total	**1500000**

(Rupees Fifteen Lakhs Only)

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2014-15
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Ravi. N.K.
Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

JNC-012-15-000005.

ನಂ. CE/DZ/AS/3/14-15 ದಿನಾಂಕ : 29-10-14
ರೂ. 15.00.000/- (ಹದಿನೈದು ಲಕ್ಷ ರೂಪಾಯಿ)
.....ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
29/10/14
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.EE/DZ/AS/35/14-15 ದಿನಾಂಕ : 29/10/2014
ರೂ. 15.00 Lakhs (Rupees Fifteen Lakhs Only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು
29/10

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